# Belden PDU Specification

## 9PD2-301001

### Description:

Upgradeable, Power Unit Level Monitoring, 30A, 230/400V WYE, 3 Phase, Vertical, (24) Locking IEC C13,(6) Locking IEC C19, breakered, 10 ft power cord with L22-30P, Input and per Phase power monitoring with Circuit/Breaker current monitoring. Daisy chain Ethernet connectivity. Local high visibility LED display. **Monitoring -** Input and per Phase power monitoring with Circuit/Breaker current monitoring. Daisy chain Ethernet connectivity. Local high visibility LED display.



### Specification:

| # | | |
|---|---|---|
| 1. | **Monitoring** | Input and per Phase power monitoring with Circuit/Breaker current monitoring. Daisy chain Ethernet connectivity. Local high visibility LED display. |
| 2. | **Monitoring Level 1** | Aggregate - Total Unit Monitoring (kWh, W, VA, PF)<br><br>Power Measurements Compliant with ANSI C12.1 and IEC 62053-21 at 1% Accuracy Class Requirements |
| 3. | **Monitoring Level 2** | Phase (A, B, C) Monitoring (kWh, W, VA, PF, V, A)<br><br>Power Measurements Compliant with ANSI C12.1 and IEC 62053-21 at 1% Accuracy Class Requirements |
| 4. | **Monitoring Level 3** | Circuit / Breaker Monitoring (A)<br><br>Circuit/Breaker Current Measurements Independently Tested and Verified at 2% Accuracy |
| 5. | **Quantity Of Inputs** | 1 |
| 6. | **Voltage** | 230/400V WYE |
| 7. | **Current** | 30A x 3 Phase WYE |
| 8. | **VA per Input (Load Capacity)** | 16.6kW |
| 9. | **Frequency** | 50/60 Hz |
| 10. | **Over Current Protection** | (6) 20A Single Pole Magnetic Breakers |
| 11. | **Switch** | Breaker/Switch Combination |

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| No. | Specification | Value |
|---|---|---|
| 12. | Scrolling / Rotatable Digital Display | Yes |
| 13. | Power Cable Wire Gauge | 10/5 |
| 14. | Power Cable Length | 10ft |
| 15. | Power Entry Location | Bottom Front |
| 16. | Plug Type | NEMA L22-30P Twistlock |
| 17. | Combined Total Receptacle/Socket Quantity | 30 |
| 18. | Receptacle/Socket Type #1 | Locking IEC C13 |
| 19. | Quantity on Face #1 | 24 |
| 20. | Quantity per Breaker #1 | 4 |
| 21. | Quantity per Phase #1 | 8 |
| 22. | Style #1 | Individual |
| 23. | Voltage per Receptacle/Socket #1 | 230V |
| 24. | Receptacle/Socket Type #2 | Locking IEC C19 |
| 25. | Quantity on Face #2 | 6 |
| 26. | Quantity per Breaker #2 | 1 |
| 27. | Quantity per Phase #2 | 2 |
| 28. | Style #2 | Individual |
| 29. | Voltage per Receptacle/Socket #2 | 230V |
| 30. | Internal RMS Voltage Sensor | Yes |
| 31. | Internal RMS Current Sensor | Yes |
| 32. | Network Connection | Dual 10/100Mbps Ethernet |
| 33. | Network Protocols Supported and | HTTP, SMTP, SMTPS (SSL), ICMP, DHCP, IPv4, IPv6, Syslog, SNMP v1/v2c/v3, JSON, |

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| | | |
|---|---|---|
| | Data Access Formats | RSTP |
| 34. | IP Reset Button | Yes |
| 35. | Hard Reboot Button | Yes |
| 36. | Continuous Operating Temperature Range | 50% derated operation: 45-60C / 113-140F (See product manual or quick-start guide for full de-rated operating conditions) |
| 37. | Continuous Operating Temperature Range | Full nameplate operation: 10-45C / 50-113F |
| 38. | Heavy Steel -Black Powder Coat | Yes |
| 39. | Configuration | 72in / 1832mm Vertical Rackmount |
| 40. | 7938 Vertical Mounting Bracket Kit | Yes |
| 41. | Toolless Mounting Hardware - Center to Center Spacing | 61.25in and 64.75in |
| 42. | Made in the USA | Yes |
| 43. | Product Warranty | Five Year |
| 44. | Certification/Agency Approvals | FCC Part 15 Class A Conformance |
| 45. | Certification/Agency Approvals | NOM-003-SCFI-2000 |
| 46. | Certification/Agency Approvals | RoHS Compliant |
| 47. | Certification/Agency Approvals | UL & c-UL Listed 60950 |
| 48. | Chassis Dimensions (LxWxD) | 72in x 2in x 2.25in |
| 49. | Shipped Weight | 17lbs (7.71kg) |

**To insure customer satisfaction with this product, prior to acceptance of an order, Belden requires a signature of approval for the specification above.**

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Company: _____

Authorized
Customer Signature: _____ Date: _____

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